

Claims

1. Arrangement for measurement demodulation and modulation error measurement of a digitally modulated receive signal, with a receive filter (1), a following demodulator (2) for error compensation and determining the ideal symbol samples, in which arrangement the measuring signal that is filtered in a reference filter (13) and weighting filtered is evaluated in a following evaluation circuit (4, 5),  
**characterised in that**  
the output signal of the demodulator (2) is fed via a measuring filter (12) to the evaluation circuit (4, 5) and the weighting filter function is formed by the cascaded filter functions of the receive filter and measuring filter (1, 12).
2. Arrangement according to Claim 1,  
**characterised in that**  
the weighting filtering is determined by the convolution operation relationship  
 $\text{weighting filter} = \text{receive filter} * \text{measuring filter}.$
3. Arrangement according to Claim 1 or 2,  
**characterised in that**  
the receive filter (1) is designed according to the requirements of the demodulator (2) for the supplied signal characteristics.
4. Arrangement according to Claim 3,  
**characterised in that**  
the receive filter (1) is designed so that ISI-free samples are fed to the demodulator (2).